

384443118430912 WALKER LAKE EVAPOTRANSPIRATION STATION (12 METER DEPTH)

WALKER RIVER BASIN, WALKER LAKE

LOCATION.--Lat 38°44'43", long 118°43'09" referenced to North American Datum of 1983, Mineral County, Hydrologic Unit 16050304.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Feb to Sep.

EXTREMES FOR PERIOD FEB TO SEP.--

SPECIFIC CONDUCTANCE: Maximum, 21,200 microsiemens/cm, Feb 8; minimum, 19,900 microsiemens/cm, Aug 11.

WATER TEMPERATURE: Maximum, 24.0°C, Aug 12,15, 16; minimum, 4.0°C, Feb 8, 9, 10.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Time	Sample type	Reser- voir eleva- tion above datum, feet (00062)	Reser- voir storage acre-ft (00054)	Sam- pling depth, meters (00098)	Trans- parency Secchi disc, meters (00078)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Residue on evap. at 180degC wat flt mg/L (70300)
Feb 08...	1200	Environmental	3,934.21	1,751,000	12.0	7.5	21,200	4.2	15,800
Apr 05...	1110	Environmental	3,934.18	1,750,000	12.0	2.3	21,100	8.3	15,700
May 12...	1315	Environmental	3,933.97	1,743,000	12.0	3.4	21,000	10.8	15,800
Jul 13...	1050	Environmental	3,935.81	1,802,000	12.0	11.3	20,600	18.0	15,400
Aug 17...	0940	Environmental	3,935.46	1,791,000	12.0	7.7	20,400	23.1	15,300

384443118430912 WALKER LAKE EVAPOTRANSPIRATION STATION (12 METER DEPTH)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
2	---	---	---	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
3	---	---	---	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
4	---	---	---	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
5	---	---	---	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
6	---	---	---	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
7	---	---	---	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
8	---	---	---	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
9	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
10	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
11	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---
12	21,100	21,100	21,100	21,000	21,000	21,000	21,000	20,900	21,000	---	---	---
13	21,100	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	20,900	21,000
14	21,100	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000
15	21,100	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000
16	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	21,000	20,700	21,000
17	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000
18	21,100	21,100	21,100	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000
19	21,100	21,000	21,100	21,000	20,900	21,000	21,000	21,000	21,000	21,000	21,000	21,000
20	21,100	21,000	21,100	21,000	21,000	21,000	21,000	21,000	21,000	21,000	20,900	21,000
21	21,100	21,000	21,000	21,000	21,000	21,000	---	---	---	21,000	20,900	21,000
22	21,100	21,000	21,000	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
23	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
24	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
25	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
26	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
27	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
28	21,000	21,000	21,000	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
29	---	---	---	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
30	---	---	---	21,000	21,000	21,000	---	---	---	21,000	21,000	21,000
31	---	---	---	21,000	21,000	21,000	---	---	---	21,000	20,900	20,900
Month	---	---	---	21,100	20,900	21,000	---	---	---	---	---	---

384443118430912 WALKER LAKE EVAPOTRANSPIRATION STATION (12 METER DEPTH)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	21,000	21,000	21,000	20,600	20,300	20,500	20,600	20,000	20,500	20,600	20,400	20,500
2	21,000	20,900	21,000	20,600	20,500	20,600	20,600	20,300	20,500	20,600	20,500	20,500
3	21,000	20,900	21,000	20,600	20,400	20,500	20,600	20,300	20,500	20,600	20,400	20,500
4	21,000	20,800	20,900	20,600	20,400	20,500	20,600	20,400	20,500	20,500	20,400	20,500
5	21,000	20,600	20,900	20,600	20,400	20,500	20,600	20,400	20,500	20,500	20,400	20,500
6	21,000	20,900	20,900	20,600	20,200	20,400	20,600	20,500	20,500	20,500	20,400	20,500
7	21,000	20,500	20,700	20,600	20,400	20,500	20,500	20,400	20,500	20,500	20,400	20,500
8	21,000	20,700	20,900	20,500	20,200	20,400	20,500	20,400	20,500	20,500	20,300	20,400
9	21,000	20,600	20,900	20,600	20,300	20,500	20,500	20,300	20,500	20,500	20,300	20,400
10	20,900	20,800	20,800	20,600	20,200	20,400	20,600	20,100	20,500	20,600	20,400	20,500
11	20,900	20,600	20,800	20,500	20,200	20,400	20,600	19,900	20,400	20,700	20,400	20,500
12	20,900	20,700	20,800	20,500	20,300	20,400	20,600	20,400	20,500	20,500	20,300	20,500
13	20,900	20,800	20,800	20,600	20,300	20,500	20,600	20,500	20,500	20,500	20,400	20,500
14	20,900	20,800	20,800	20,600	20,100	20,400	20,500	20,400	20,500	20,500	20,500	20,500
15	20,800	20,800	20,800	20,600	20,100	20,400	20,500	20,400	20,400	20,500	20,500	20,500
16	20,800	20,400	20,700	20,600	20,400	20,500	20,600	20,400	20,400	20,500	20,400	20,500
17	21,000	20,500	20,700	20,600	20,200	20,500	20,600	20,400	20,500	20,500	20,400	20,500
18	21,000	20,600	20,700	20,500	20,400	20,500	20,600	20,500	20,500	20,600	20,400	20,500
19	20,800	20,700	20,700	20,600	20,300	20,500	20,600	20,500	20,500	20,500	20,200	20,500
20	20,700	20,600	20,600	20,600	20,400	20,500	20,600	20,500	20,500	20,600	20,300	20,500
21	20,700	20,400	20,500	20,600	20,400	20,500	20,600	20,400	20,500	20,600	20,300	20,500
22	20,700	20,400	20,600	20,600	20,400	20,500	20,600	20,300	20,500	20,600	20,200	20,500
23	20,600	20,500	20,600	20,600	20,400	20,500	20,600	20,400	20,500	20,800	20,400	20,600
24	20,700	20,500	20,600	20,600	20,500	20,500	20,600	20,400	20,500	20,600	20,400	20,600
25	20,700	20,100	20,500	20,600	20,400	20,500	20,600	20,400	20,500	20,600	20,400	20,500
26	20,600	20,300	20,500	20,600	20,500	20,500	20,600	20,400	20,500	20,700	20,300	20,500
27	20,600	20,200	20,600	20,600	20,200	20,500	20,600	20,500	20,500	20,700	20,400	20,600
28	20,700	20,500	20,600	20,600	20,300	20,500	20,500	20,400	20,500	20,700	20,000	20,400
29	20,600	20,500	20,600	20,600	20,400	20,500	20,500	20,500	20,500	20,700	20,200	20,600
30	20,600	20,400	20,500	20,600	20,400	20,500	20,600	20,500	20,500	20,700	20,600	20,700
31	---	---	---	20,600	20,300	20,500	20,600	20,400	20,500	---	---	---
Month	21,000	20,100	20,700	20,600	20,100	20,500	20,600	19,900	20,500	20,800	20,000	20,500

384443118430912 WALKER LAKE EVAPOTRANSPIRATION STATION (12 METER DEPTH)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	6.0	5.0	5.5	8.0	7.5	8.0	---	---	---
2	---	---	---	6.0	5.5	6.0	8.0	8.0	8.0	---	---	---
3	---	---	---	6.0	6.0	6.0	8.0	8.0	8.0	---	---	---
4	---	---	---	6.0	6.0	6.0	8.5	8.0	8.0	---	---	---
5	---	---	---	6.0	5.5	6.0	8.5	8.0	8.5	---	---	---
6	---	---	---	6.5	5.5	6.0	9.0	8.0	8.5	---	---	---
7	---	---	---	6.5	5.5	6.0	9.5	8.5	9.0	---	---	---
8	---	---	---	6.0	6.0	6.0	9.0	8.5	9.0	---	---	---
9	4.5	4.0	4.0	6.0	5.5	6.0	9.0	8.5	9.0	---	---	---
10	4.5	4.0	4.0	6.0	5.5	5.5	9.0	8.5	8.5	---	---	---
11	4.5	4.5	4.5	6.0	5.5	6.0	8.5	8.5	8.5	---	---	---
12	4.5	4.5	4.5	6.0	5.5	6.0	9.5	8.5	8.5	---	---	---
13	4.5	4.5	4.5	7.0	5.0	6.0	9.0	8.5	9.0	12.0	11.0	11.5
14	4.5	4.5	4.5	7.0	5.0	6.0	9.0	8.5	8.5	12.0	11.0	12.0
15	4.5	4.5	4.5	7.0	5.0	6.0	9.0	9.0	9.0	12.5	12.0	12.0
16	4.5	4.5	4.5	7.0	6.0	6.5	9.5	9.0	9.0	13.0	10.5	12.0
17	5.0	4.5	4.5	7.0	6.0	6.5	10.0	9.0	9.5	12.5	10.5	12.0
18	4.5	4.5	4.5	7.5	6.0	6.5	9.5	9.0	9.5	13.0	12.5	12.5
19	5.0	4.5	4.5	8.0	6.0	7.0	9.5	9.0	9.5	13.5	13.0	13.0
20	5.0	4.5	5.0	8.0	6.5	7.5	11.0	9.5	9.5	13.5	12.5	13.0
21	5.0	5.0	5.0	7.0	6.5	7.0	---	---	---	13.0	11.5	12.0
22	5.0	5.0	5.0	7.5	7.0	7.5	---	---	---	13.5	11.5	12.5
23	5.0	5.0	5.0	8.0	7.5	7.5	---	---	---	13.5	12.5	13.0
24	5.0	5.0	5.0	8.0	7.5	8.0	---	---	---	14.5	11.5	13.0
25	5.0	5.0	5.0	8.0	7.5	8.0	---	---	---	13.0	12.0	12.5
26	5.0	5.0	5.0	8.0	8.0	8.0	---	---	---	14.5	12.5	13.5
27	6.0	5.0	5.0	8.0	8.0	8.0	---	---	---	15.0	14.0	14.0
28	6.0	5.0	5.5	8.5	7.5	8.0	---	---	---	15.0	14.0	14.5
29	---	---	---	8.0	7.5	8.0	---	---	---	15.0	11.5	13.0
30	---	---	---	8.0	7.5	7.5	---	---	---	14.0	11.5	13.0
31	---	---	---	7.5	7.5	7.5	---	---	---	15.5	13.0	15.0
Month	---	---	---	8.5	5.0	6.7	---	---	---	---	---	---

384443118430912 WALKER LAKE EVAPOTRANSPIRATION STATION (12 METER DEPTH)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
June			July			August			September			
1	13.5	11.5	12.5	19.0	17.0	17.5	21.0	17.5	19.0	23.0	18.5	21.5
2	14.5	12.5	13.5	18.0	16.5	17.0	23.0	17.0	19.0	22.5	18.5	21.5
3	15.5	13.0	14.5	18.5	16.5	17.5	23.5	17.0	19.5	21.5	18.0	19.5
4	16.0	14.0	15.5	18.0	17.0	17.5	22.5	17.5	19.5	22.0	17.5	20.0
5	16.5	13.5	15.0	18.5	17.0	18.0	23.5	18.0	19.5	22.5	18.0	20.5
6	15.0	12.5	14.0	19.0	17.5	18.0	19.5	18.0	19.0	22.5	22.0	22.0
7	16.0	12.5	15.0	18.5	17.0	17.5	21.5	18.5	19.5	22.5	21.0	22.0
8	15.5	12.0	14.0	18.5	17.5	18.0	21.5	18.5	19.5	22.5	18.5	20.5
9	16.5	12.5	14.5	19.0	17.0	18.0	20.5	18.5	19.0	22.0	17.0	20.5
10	17.0	13.5	15.5	18.5	16.5	18.0	20.5	18.0	19.0	21.0	16.5	18.5
11	16.5	14.0	15.5	19.5	17.0	18.5	22.5	17.5	20.0	21.0	17.5	20.0
12	16.0	14.0	15.0	19.0	17.5	18.0	24.0	17.5	20.5	20.5	20.0	20.5
13	16.0	15.0	15.5	18.5	17.5	18.0	20.0	17.0	18.5	20.5	19.5	20.0
14	16.0	15.0	15.5	19.0	17.0	18.0	23.5	18.0	20.0	20.0	19.5	20.0
15	16.5	15.5	16.0	19.0	17.5	18.0	24.0	20.0	23.5	20.5	20.0	20.0
16	18.0	15.0	16.0	20.0	17.0	18.5	24.0	18.5	22.5	20.5	20.0	20.0
17	18.5	12.0	16.0	19.0	17.5	18.5	23.5	18.0	21.0	20.0	19.5	20.0
18	17.5	12.0	15.0	19.5	18.0	18.5	23.0	17.5	21.0	20.0	17.5	19.0
19	16.5	15.0	16.0	20.0	17.0	18.5	23.0	17.5	21.0	19.5	19.0	19.5
20	17.5	16.0	16.5	20.0	17.0	18.5	23.5	19.0	21.5	20.0	19.0	19.5
21	19.0	16.5	17.5	20.5	16.5	18.5	23.5	21.5	23.0	20.0	19.5	19.5
22	18.0	16.0	17.0	20.0	17.0	18.5	23.0	20.0	22.0	20.0	19.5	19.5
23	17.5	16.5	17.5	20.0	17.5	18.5	23.0	19.0	22.0	20.0	19.5	19.5
24	17.5	16.0	17.0	20.0	16.5	18.5	23.5	18.5	21.5	19.5	19.0	19.0
25	18.5	15.5	17.0	20.5	17.0	18.5	23.5	18.5	21.5	19.0	18.5	19.0
26	18.5	16.5	17.5	19.5	17.0	18.5	23.5	19.0	22.0	18.5	18.5	18.5
27	18.0	16.5	17.0	20.0	17.5	19.0	23.0	18.0	21.0	18.5	18.0	18.0
28	17.5	16.0	17.0	22.0	18.0	19.0	23.5	20.0	21.5	18.5	18.5	18.5
29	17.5	16.5	17.0	21.0	17.5	19.0	23.5	22.5	23.0	18.5	18.5	18.5
30	18.0	17.0	17.5	20.5	17.5	18.5	23.0	15.5	18.5	18.5	18.5	18.5
31	---	---	---	21.0	17.5	19.0	23.0	18.5	21.0	---	---	---
Month	19.0	11.5	15.8	22.0	16.5	18.2	24.0	15.5	20.6	23.0	16.5	19.8